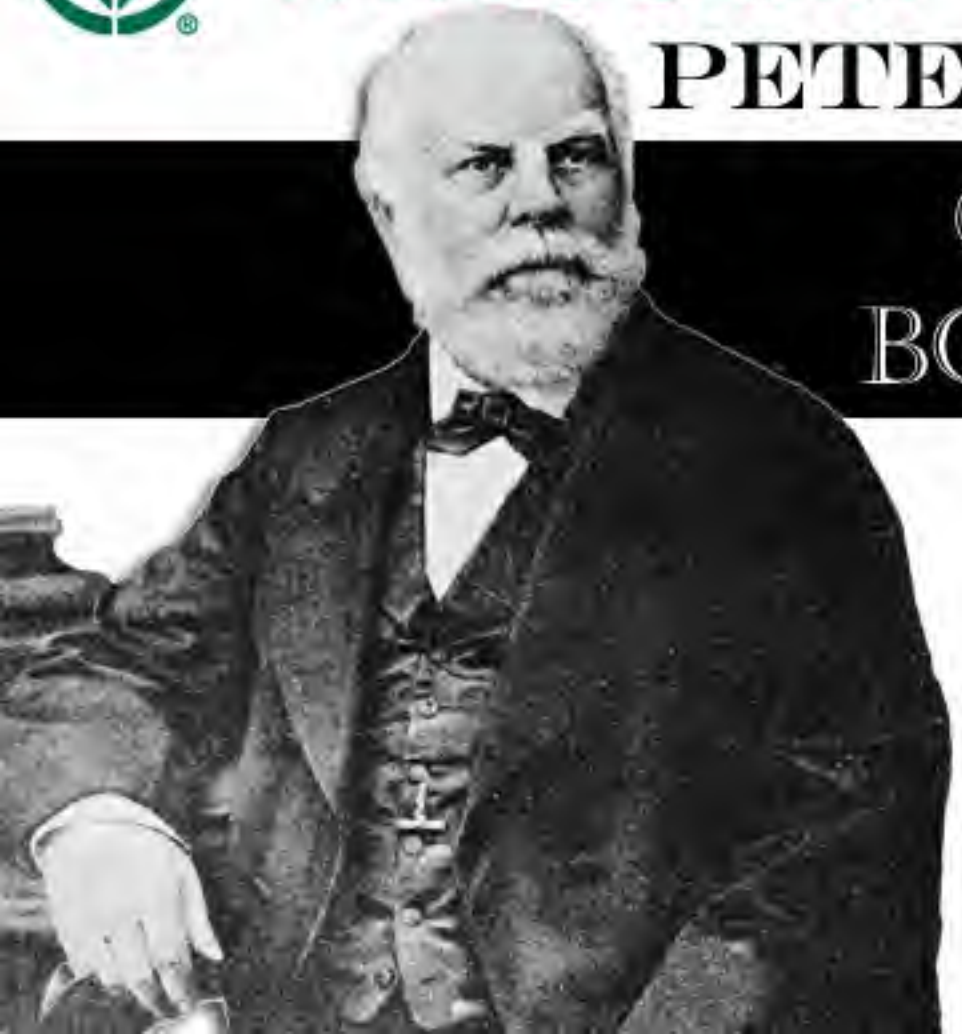
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

W. H. Brewer

119. "Dried leaves and fruit of Yucca [illegible] last year".

120 "Leaves of Lacio yucca"

121 "Rectus from base of Yucca Stalk" (1 capo) -

These are all the notes - The specimens were gathered on very dry hills, San Gabriel Santa Cat. Jan. 9. 1861. And at this time were supposed to all be of the same species, which is very common there - Les all radicle, [illegible] or form a ball above ground, or forming a large hemispherical rosette - very stiff & sharp - & living many years before flowering - It sometimes is the case of medicinal plants that had not flowered for 15 years - and looked the same then as now, except smaller - after sending up the flower stalk, the whole plant dies. 119 is the dead leaves of which you have the fruit from same plant

0 1 2 3 4 5 6 7 8 9 10 cm
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MISSOURI BOTANICAL GARDEN

Inflorescence,
leaves
leaflets
stipules
petioles
flowers & heads
flowers
Calyx & Corolla

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Ref. Burgess.

Remarks,

Ch88

A Schott, Lor 1870

No 5. Yucca sp? Apparently stemless; leaves narrow ~~slender~~ sharp pointed rigid; Whipplei Flowering scape 4 to 5 feet high; flowers not seen; capsules oval, probably dry. Habitat Mount San Miguel some 15 miles S.S.E. from San Diego.

No 6. Yucca Whipplei, Torr.?? (See Rep. Mex. Boundy.) Stem low creeping between crevices of granitic rocks; leaves few falcate, narrow with the edges roughened by cartilaginous efrescences; flowering scape more slender than in other species from 1 to 2 feet long; Raceme apparently few flowered; the specimen which I saw seems to have suffered from prairie fire; Habitat mountains between San Pascual and Sta Isabel on the St. Gumaroad. See sheets No 2. The details No 2, 3, 4 & 5 represent natural size.

8843

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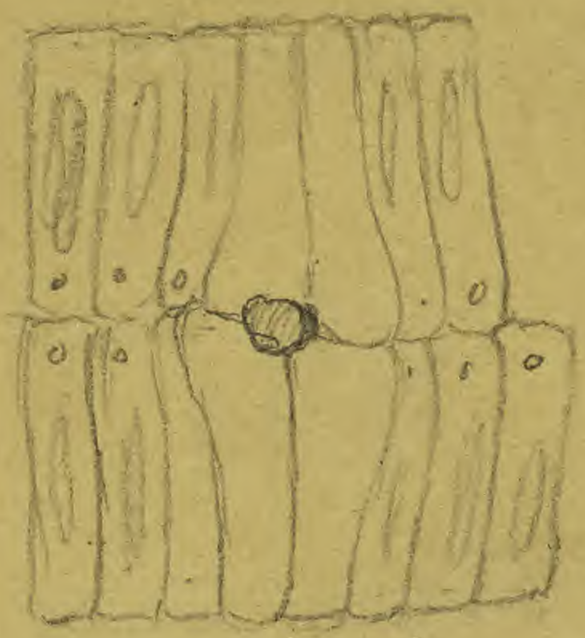
July 15 1883

Mr Matthews / Kirkwood

×4



Corona between 4 allied ovules.

×2

Corona in upper outer part of seed or, as usual, near micropyle

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Wm. Saxe. Loeseleith,

PHARMACEUTIST & CHEMIST.

Cor. 4th & Olive Sts., St. Louis.

0 1 2 3 4 5 6 7 8 9 10
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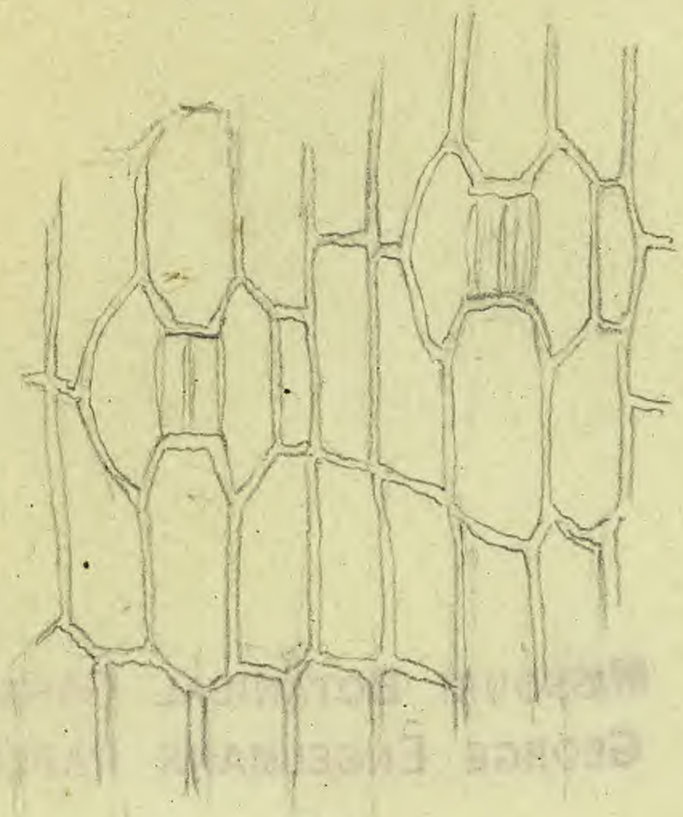
Yucca flaccida ?

Aug 29. 1872

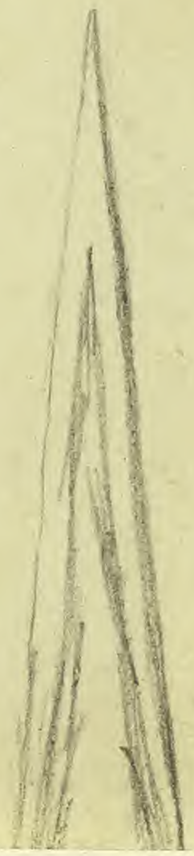
ripe seed — Hort Bot Mo Stroms

surface of seed × 150

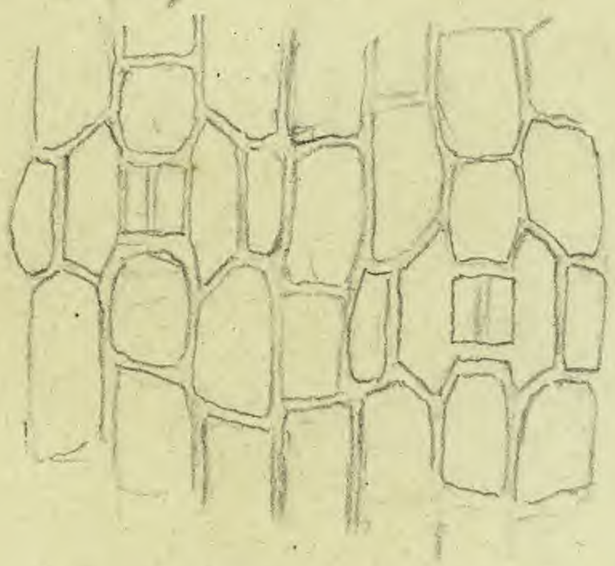


upper surface of leaf

×4



lower surface



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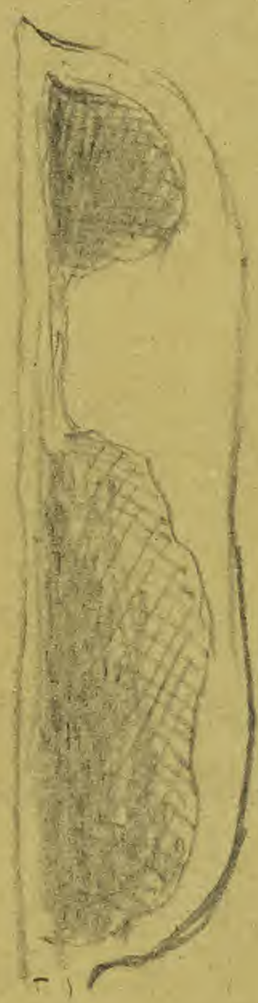
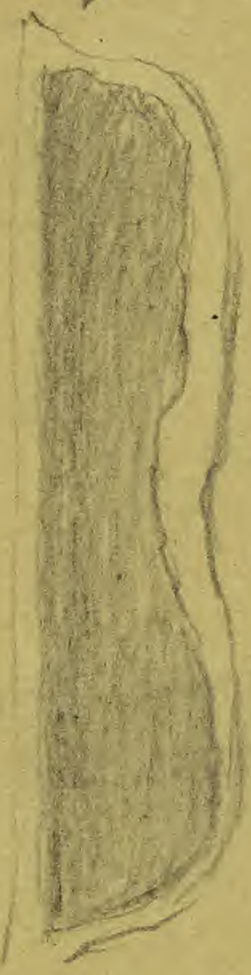
Yucca filamentosa
flaccida – Decrigata
Mr Matthews, Kirkwood – July 14
. last flowers fully ½

July 15 1873





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cm
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Alex. Leitch.

APOTHECARY & CHEMIST.

Cor. 4th & Olive Sts., St. Louis.

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Y. f. flavido-virgata

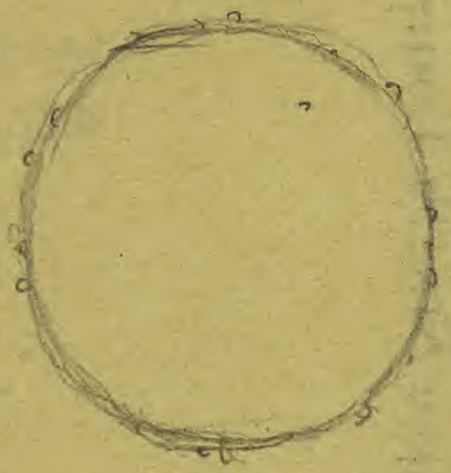
Mr Matthews', Kirkwood.

15 July 1873

x2

from full grown bud

x10



Pollengrain x415

$\frac{24}{415}$ =

8847

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Engelmeith,
ex. Log
DRUGGIST & CHEMIST.
Cor. 4th & Olive Sts., St. Louis.

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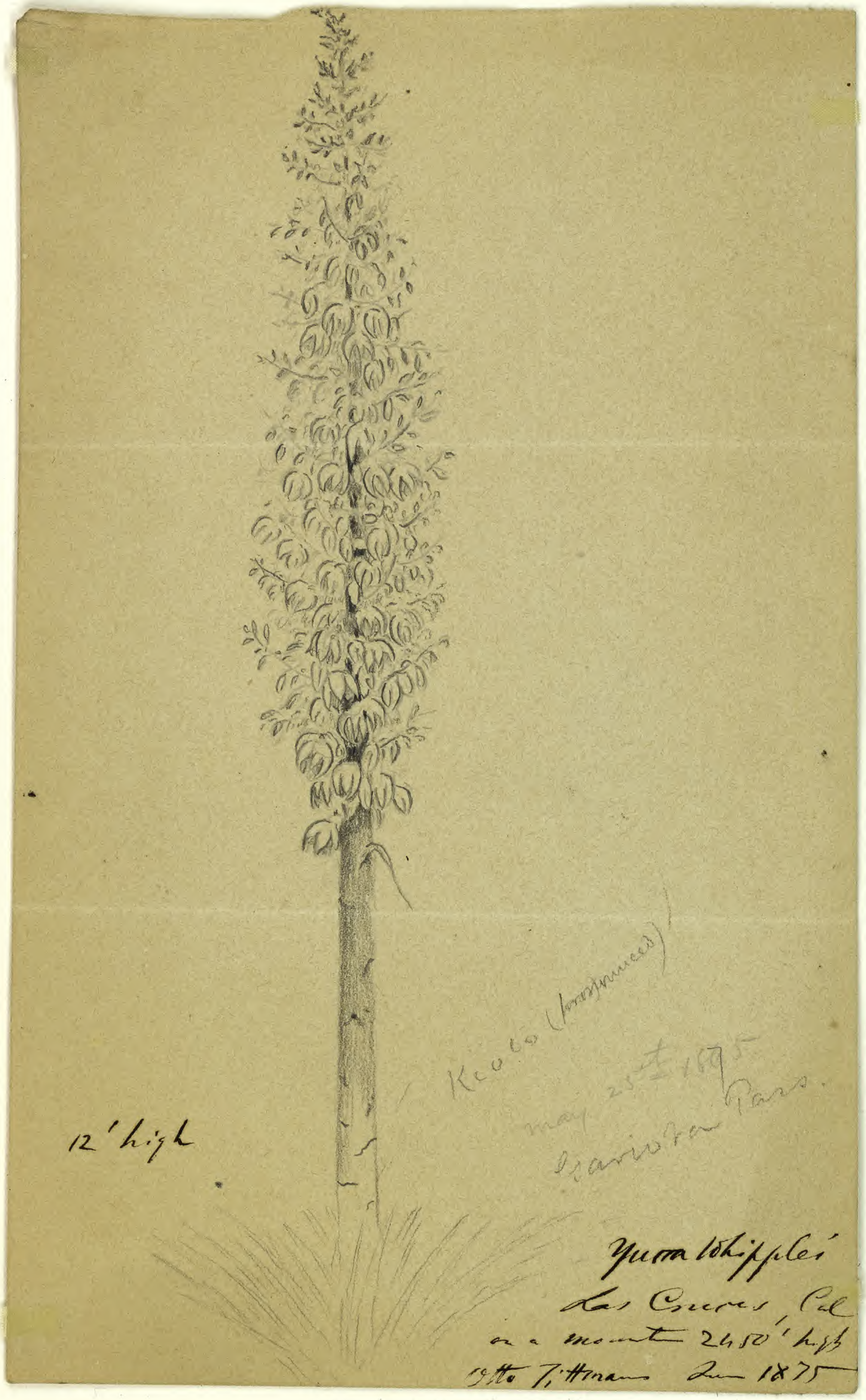

12' high

Kearney (Forestiana)
May 25 1895 Parry.
Pasadena

Yucca Whipplei
Las Cruces, Cal
on a mountain 2450' high
Otto T. Hinman June 1875

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241 - 294

Yucca Whipplei Torr Bot Bound p. 222 (1859)
where the name is suggested, and repeated in Bot. Ives p. 29. (1861)
but nowhere a full description is given.

Prof Wm H. Brewer writes Dec 20 1870 :
This is the common species over numerous dry hills
in the coast ranges, very variable as to size of
clusters, size & length & width of bayonet like leaves. — Some
often less than a foot long and quite narrow, others much longer,
and broader

Cluster hemispherical, leaves much more numerous than
in Arguta folia — Scape 5 — 6 — 10 feet, usually 7-8
"Cull" when young roasted, roasted and eaten by the
natives

Dr Wm H. Hays of San Luis Obispo has sent photographs and
living plants. In his letter of Feb 8 1874 he does not believe that
this plant occurs as far north as Monterey

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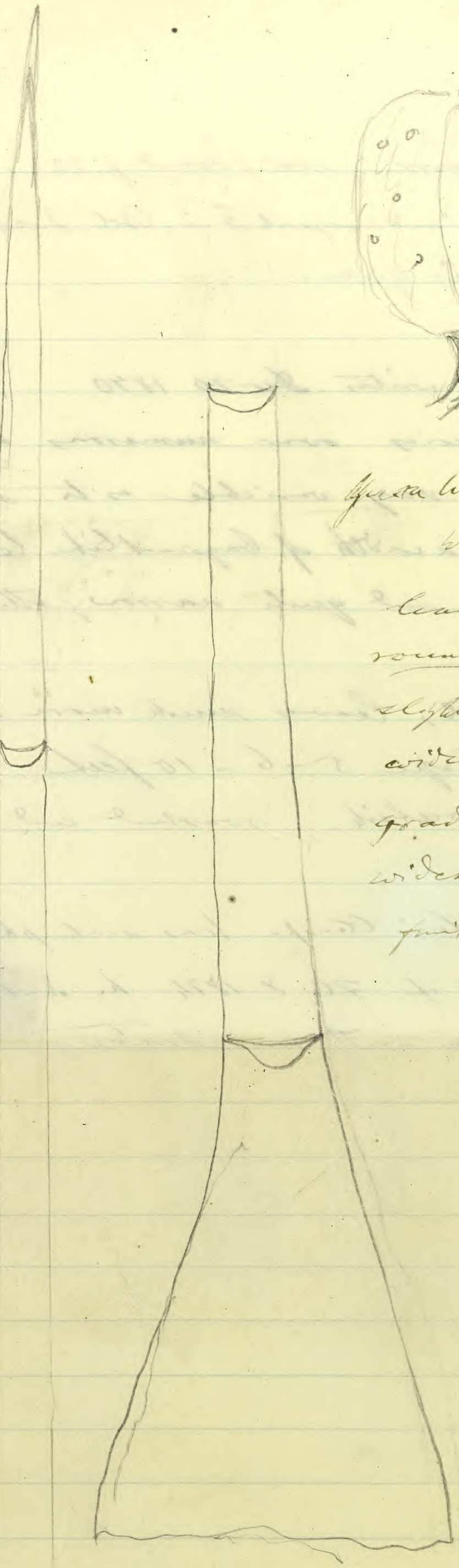
ex Herb Torrey

each figured



Yucca Whipplei Torr

Williams Ames, D Bigelow 1853

leaves 16–19 inches long, very stout
rounded on back striate on back
slightly roughened on edge —
wider above base; then higher up, and
gradually narrowed to tip — gradually
widening into base
fruit short obtuse ovate, warty.

ex Herb Torrey

Cajon Pass

D Bigelow 1854

leaves 8–11 inches long
sharply toothed, not striate, on back
fruit smaller, no seed
seems to be cast from Herb Ames

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Aconitum vulgare Rud

H. B. Fl. 1824

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cm
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Aconitum cathora Jacq

Jacquinianum
Candollii
- eulophum
anthoroideum
nemorosum

} Reich.

Reichenb.

Pers II, 83
Wahl II, 306
Spr II, 619

2 In alpibus Europae med
Sibir.

Host bot Mark
1825

8851

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